Installation Instructions for 386 | DOS-Extender SDK

This product is distributed on three floppy disks.

To copy the product to your hard disk, run the INSTALL program on disk 1. By default, this will install the tools in a \PHAR386 directory on your hard disk, with the subdirectories listed below.

- ☛ \PHAR386\BIN
  The .EXE and .EXP files for the 386 | DOS-Extender SDK.

- ☛ \PHAR386\INCLUDES
  C and assembly language include files defining constants and data types for MS-DOS and 386 | DOS-Extender system calls. The PHARLAP.H file contains function prototypes for the C-callable functions in the libraries in \PHAR386\LIBS.

- ☛ \PHAR386\LIBS
  DOSX32.LIB contains C-callable functions for making 386 | DOS-Extender system calls; DOS32.LIB contains C-callable functions for making a selection of MS-DOS system calls. Function prototypes are in the PLDOS32.H header file in \PHAR386\INCLUDES.

- ☛ \PHAR386\DOCS
  Text files describing new program features not documented in the manuals.

☞ \PHAR386\EXAMPLES

Source code and batch files to build some example programs. Many of the example programs use header files from the INCLUDES directory and libraries from the LIBS directory, and the build scripts use the MetaWare High C-386 compiler. See Appendix D in the 386 | DOS-Extender Reference Manual.

☞ \PHAR386\EXAMPLES\DOSEXT

Simple assembly language examples to illustrate fundamental concepts of using 386 | DOS-Extender.

☞ \PHAR386\EXAMPLES\GRAPHICS

An example protected mode program that makes subroutine calls to real-mode graphics routines in the Microsoft C 5.1 graphics library.

☞ \PHAR386\EXAMPLES\INTHNDLR

Examples of several techniques for writing interrupt handlers. See Appendix E in the 386 | DOS-Extender Reference Manual.

☞ \PHAR386\EXAMPLES\LOADER

Example use of the Load EXP File system call. See the READ.ME file in this directory for documentation.

☞ \PHAR386\EXAMPLES\DPMI
  \PHAR386\EXAMPLES\REALCOPY

Example code from the 386 | DOS-Extender Programmer's Guide to DPMI and Windows.

To run the programs, add the BIN directory to the MS-DOS PATH environment variable. For example, if you installed the tools on hard drive C: and used the default directory name of PHAR386, add "C:\PHAR386\BIN" to the "SET PATH=" command in your AUTOEXEC.BAT file.